

ABSTRACT

An injection test signal generator is incorporated into a circuit breaker. In this way, injection testing can be performed by causing the internal test signal generator to generate test signals and feed those signals to the trip circuitry of the circuit breaker. No independent injection test signal generator need be purchased or stored, or transported to the location of the circuit breaker and hardwired thereto. Various means of communicating with the internal test signal generator can be implemented, including, for example, a standard interface, a wireless interface or a network interface. Means can also be provided to selectively isolate the internal test signal generator from the trip circuitry to prevent accidental and erroneous breaker trips.

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